

interface window including a preview image of a page selected from the document data, and for a plurality of pages contained in the document data, at least one type of a plurality of horizontally projected images obtained by projecting objects contained in the respective pages in a horizontal direction of the pages, and a plurality of vertically projected images obtained by projecting the objects in a vertical direction of the pages; a selection step of selecting one or a plurality of horizontally projected images or vertically projected images displayed in the display step, and thereby selecting objects corresponding to the selected projected images; and an editing processing step of executing editing processing for the selected objects in the user interface window, wherein in the editing processing step, the editing processing is executed for an object contained in a page different from a page of the preview image while displaying the preview image.

[0014] Further features of the present invention will become apparent from the following description of exemplary embodiments (with reference to the attached drawings).

BRIEF DESCRIPTION OF THE DRAWINGS

[0015] FIG. 1 is a view showing software for editing a document data file according to an embodiment;

[0016] FIG. 2 is a block diagram showing the schematic arrangement of a computer in which the software in FIG. 1 runs;

[0017] FIG. 3 is a view showing a memory map when expanding a program from an FD shown in FIG. 4 into a RAM in FIG. 2;

[0018] FIG. 4 is a view showing a memory map representing data in a flexible disk in FIG. 2;

[0019] FIG. 5 is a view showing an example of a document data file to be processed in FIG. 1;

[0020] FIG. 6 is a view showing an example of a user interface for editing and displaying a document;

[0021] FIG. 7 is a block diagram showing word processing application software according to the embodiment;

[0022] FIG. 8A is a table showing an example of a main pane-information storage table;

[0023] FIG. 8B is a table showing an example of a horizontal projection pane-information storage table;

[0024] FIG. 8C is a table showing an example of a vertical projection pane-information storage table;

[0025] FIG. 9A is a table showing another example of the main pane-information storage table;

[0026] FIG. 9B is a table showing another example of the horizontal projection pane-information storage table;

[0027] FIG. 9C is a table showing another example of the vertical projection pane-information storage table;

[0028] FIG. 10 is a table showing an example of a command valid/invalid information storage table;

[0029] FIG. 11 is a view showing a vertical alignment state;

[0030] FIG. 12 is a view showing a horizontal alignment state in FIG. 7;

[0031] FIG. 13A is a table showing an example of the main pane-information storage table in FIG. 7;

[0032] FIG. 13B is a table showing an example of the horizontal projection pane-information storage table in FIG. 7;

[0033] FIG. 13C is a table showing an example of the vertical projection pane-information storage table in FIG. 7;

[0034] FIG. 13D is a view showing an example of a user interface in vertical and horizontal alignment processes;

[0035] FIG. 13E is a view showing the processing result of the vertical and horizontal alignment processes;

[0036] FIG. 14A is a view showing a vertical alignment state;

[0037] FIG. 14B is a view showing an example of the processing result of vertical alignment;

[0038] FIG. 15A is a view showing a figure movement processing state;

[0039] FIG. 15B is a view showing an example of the processing result of figure movement processing;

[0040] FIG. 16A is a view showing movement of a figure between pages;

[0041] FIG. 16B is a view showing an example of the processing result of moving a figure between pages;

[0042] FIG. 17A is a view showing copying of a figure between pages;

[0043] FIG. 17B is a view showing an example of the processing result of copying a figure between pages;

[0044] FIG. 18 is a flowchart showing the flow of processing (document file opening) in the embodiment;

[0045] FIG. 19A is a flowchart showing the flow of processing (object selection) in the embodiment;

[0046] FIG. 19B is a flowchart showing the flow of processing (page selection) in the embodiment;

[0047] FIGS. 20A and 20B are flowcharts showing the flow of processing (position adjustment processing) in the embodiment;

[0048] FIG. 21 is a flowchart showing the flow of processing (copy processing) in the embodiment;

[0049] FIG. 22 is a flowchart showing the flow of processing (movement processing) in the embodiment;

[0050] FIG. 23 is a view showing another example of the user interface for editing and displaying a document; and

[0051] FIG. 24 is a flowchart showing the flow of processing by a word processing application program.

DESCRIPTION OF THE EMBODIMENT

First Embodiment

<Configuration of Word Processing System>

[0052] The first embodiment of the present invention will be described in detail below with reference to the accom-